

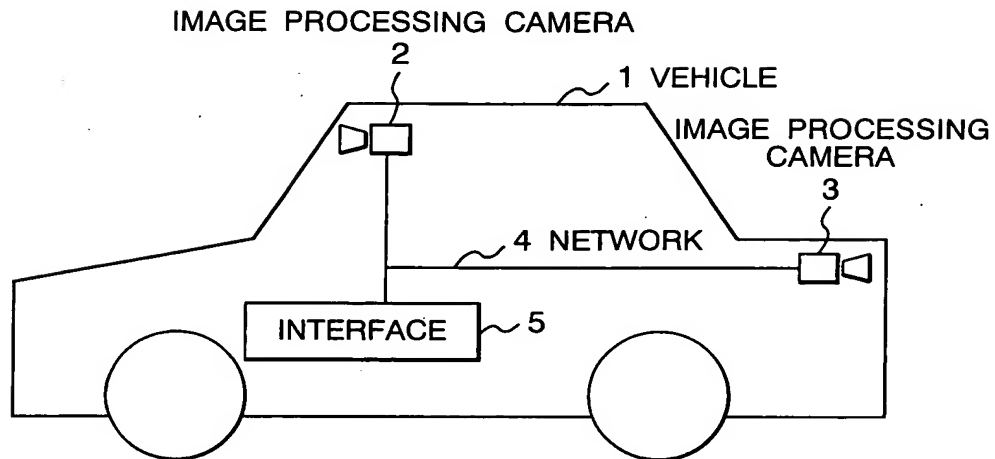
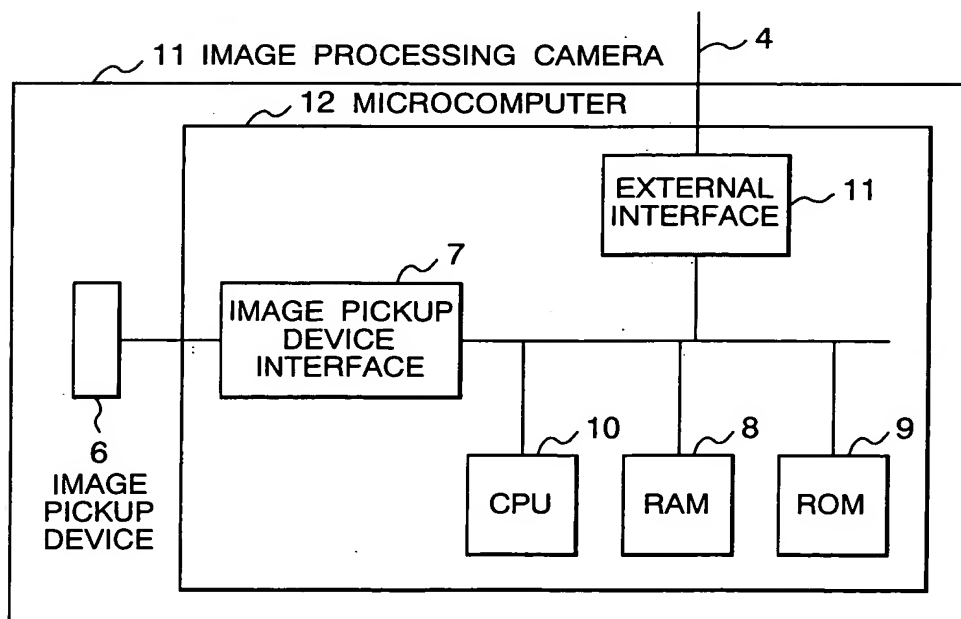
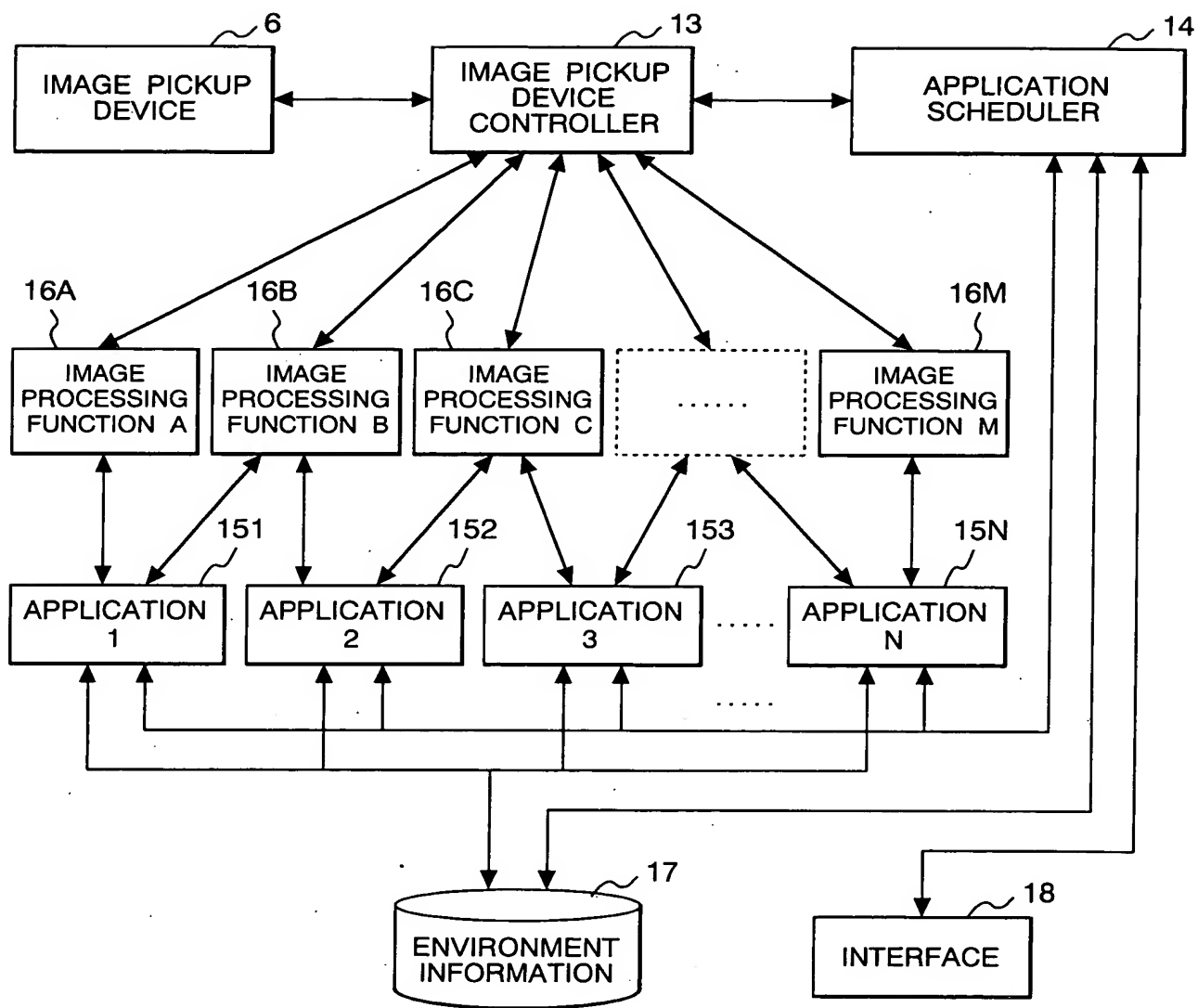
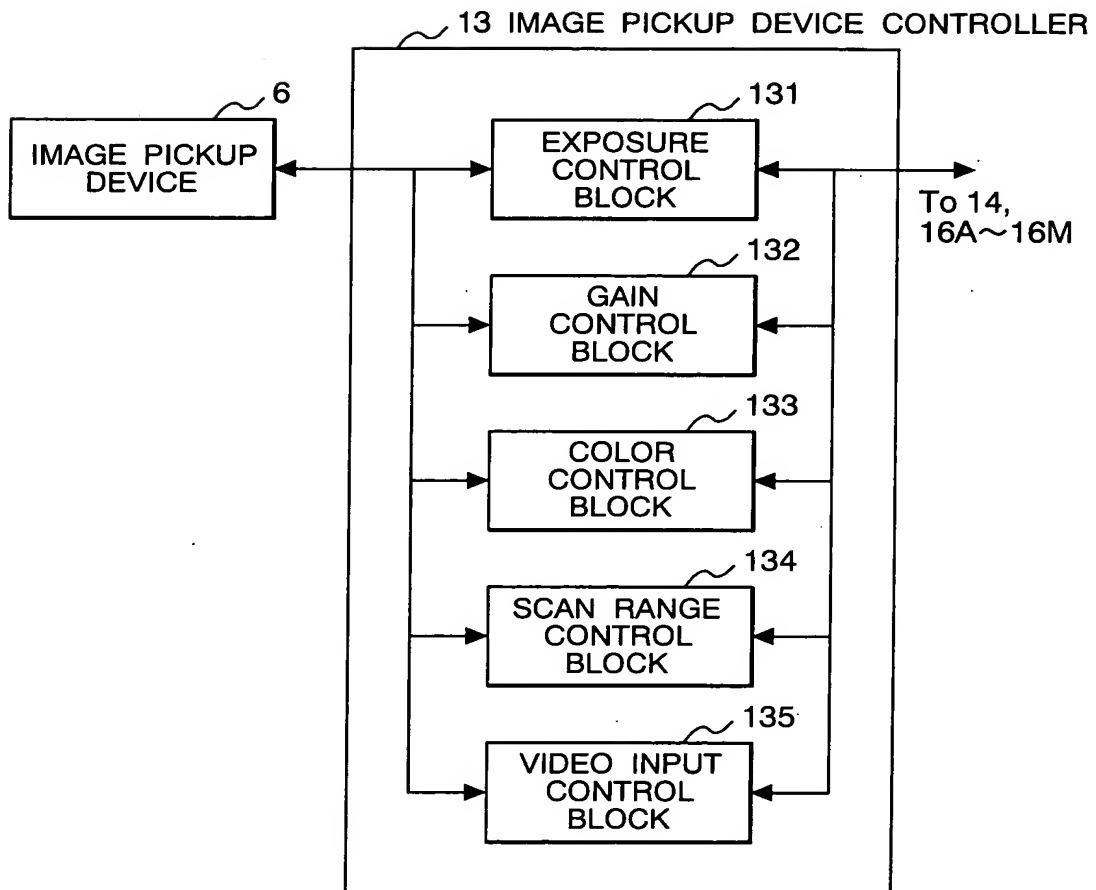
**FIG. 1(a)****FIG. 1(b)**

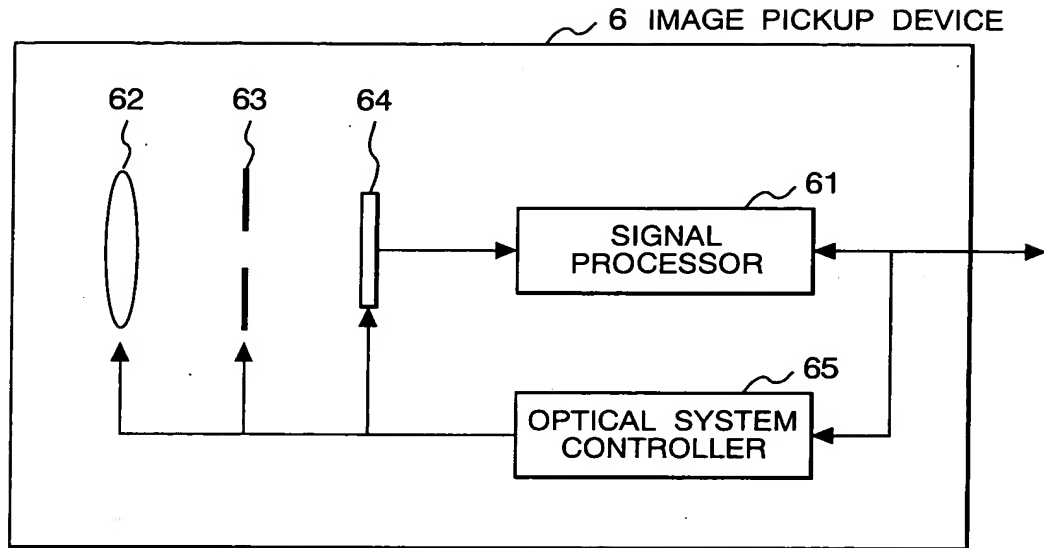
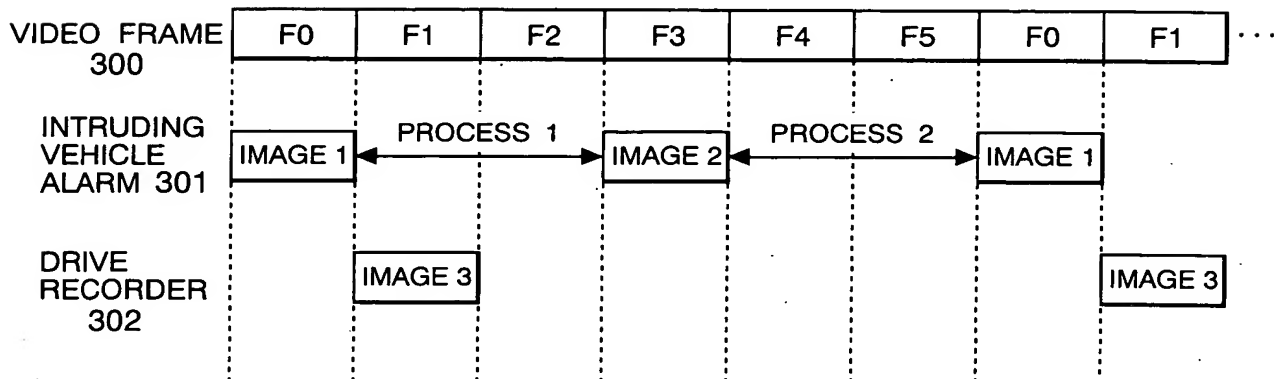
FIG. 2

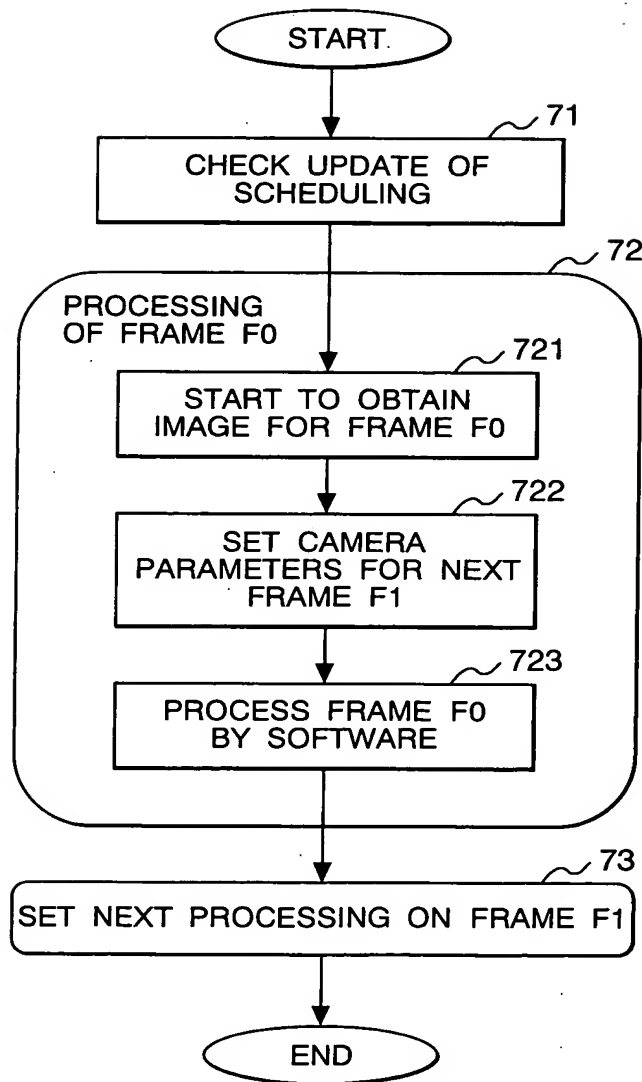
APPLICATION	IMAGE QUALITY	RATE	CAMERA CONTROL	IMAGE PROCESSING FUNCTION
MONITORING	—	HIGH	FOR MONITORING	IMAGE DOWNSCALING AND EDGE ENHANCEMENT
DRIVE RECORDER	—	LOW	FOR MONITORING	IMAGE COMPRESSION AND DATA INTEGRATION
VIDEO ALBUM (HIGH IMAGE QUALITY)	HIGH	HIGH	FOR MONITORING	IMAGE COMPRESSION AND COLOR CORRECTION
VIDEO ALBUM (LOW IMAGE QUALITY)	LOW	LOW	FOR MONITORING	IMAGE COMPRESSION AND COLOR CORRECTION
AUTOMATIC LIGHT CONTROL	—	LOW	FAST/SLOW SHUTTERING AND COLOR CONTROL	MEASUREMENT OF EXTERNAL ILLUMINATION AND VEHICLE DETECTION
LANE DEVIATION ALARM	—	MEDIUM	FAST/SLOW SHUTTERING	LANE RECOGNITION
INTRUDING VEHICLE ALARM	—	MEDIUM	FAST/SLOW SHUTTERING AND COLOR CONTROL	LANE RECOGNITION AND VEHICLE DETECTION
PASSING VEHICLE ALARM	—	MEDIUM	FAST/SLOW SHUTTERING AND COLOR CONTROL	VEHICLE DETECTION
PARKING ASSISTANCE	—	LOW	FAST/SLOW SHUTTERING	OBSTACLE DETECTION AND PARKING-FRAME DETECTION
LANE KEEPING ASSISTANCE	—	MEDIUM	FAST/SLOW SHUTTERING	LANE RECOGNITION
COLLISION ALLEVIATION	—	HIGH	OPTIMUM SHUTTERING	DETECTION OF VEHICLES AND OBSTACLES
COLLISION AVOIDANCE	—	HIGH	OPTIMUM SHUTTERING	LANE RECOGNITION AND DETECTION OF VEHICLES AND OBSTACLES

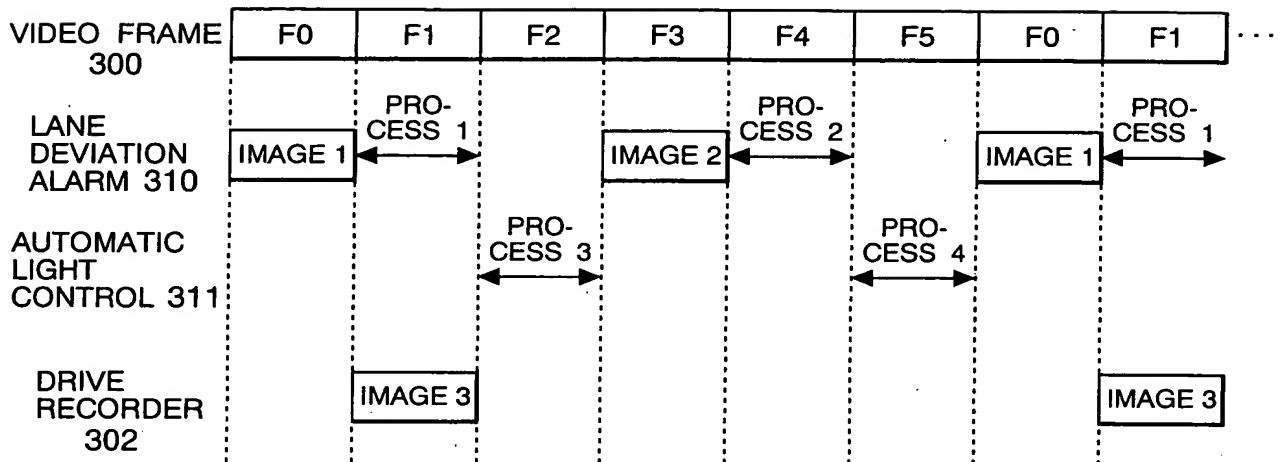
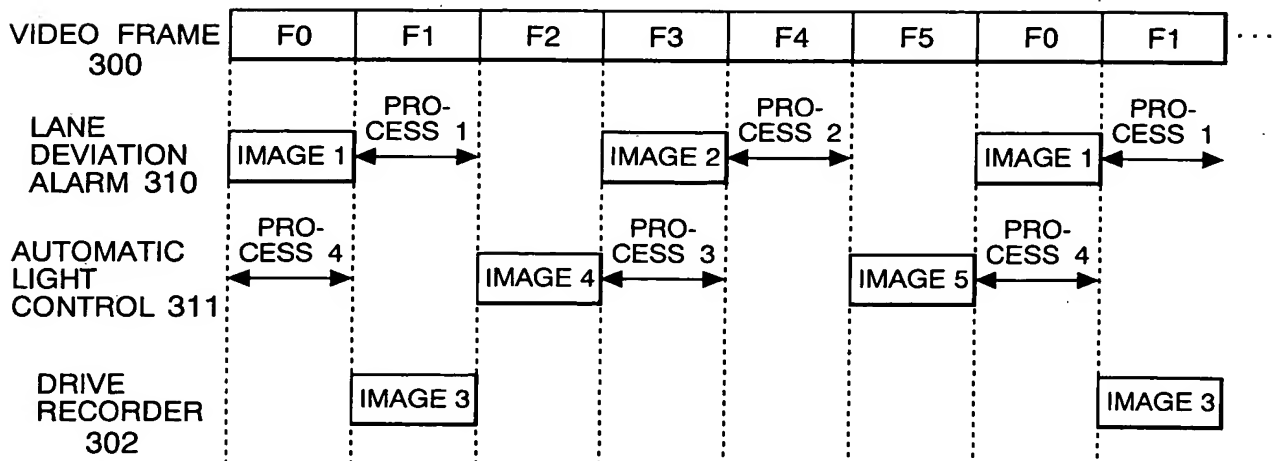
(: : NOT DEFINED)

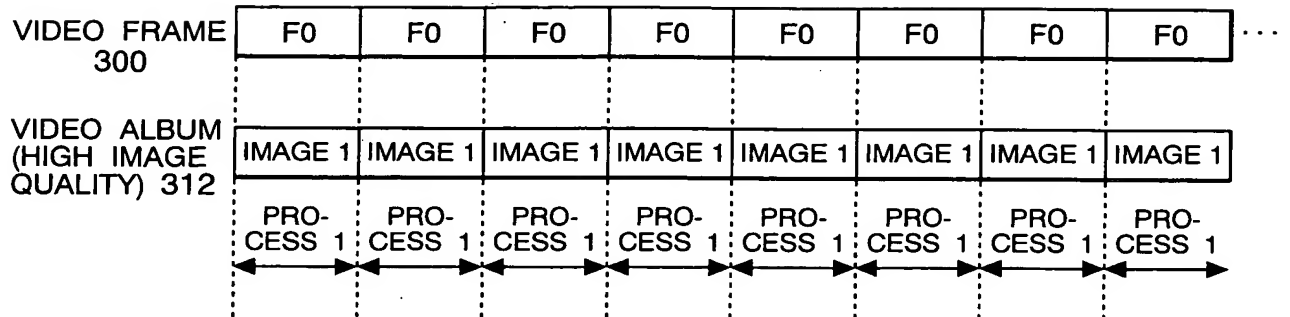
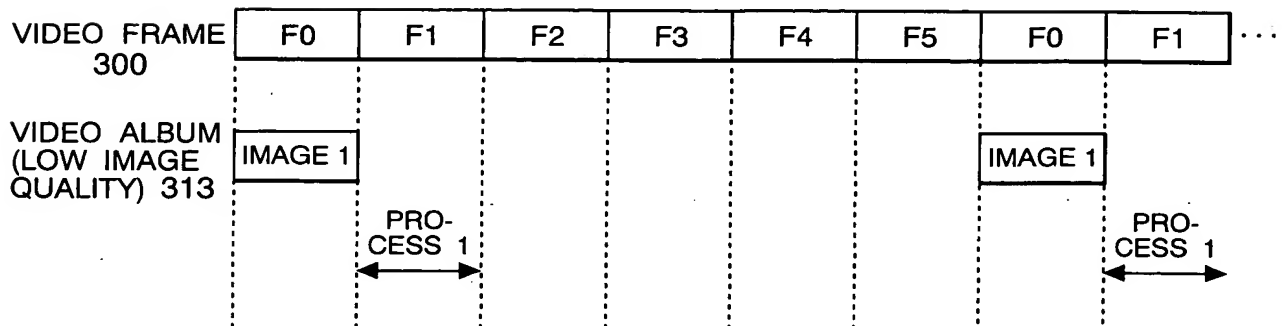
**FIG. 3**

**FIG. 4**

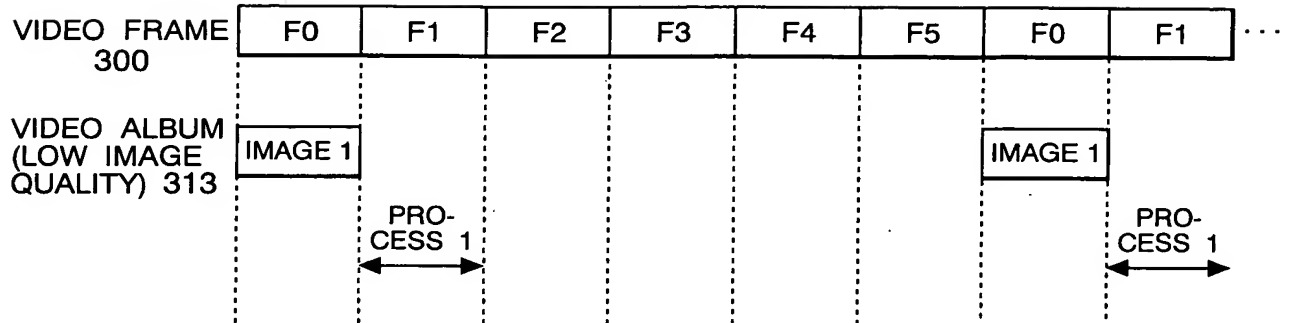
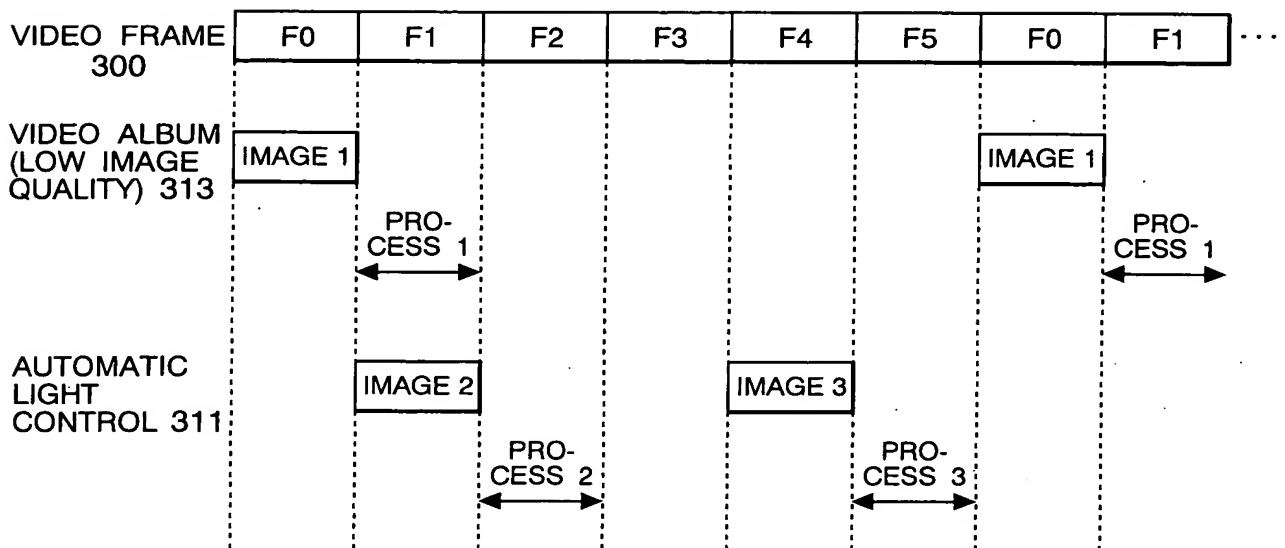
**FIG. 5****FIG. 6**

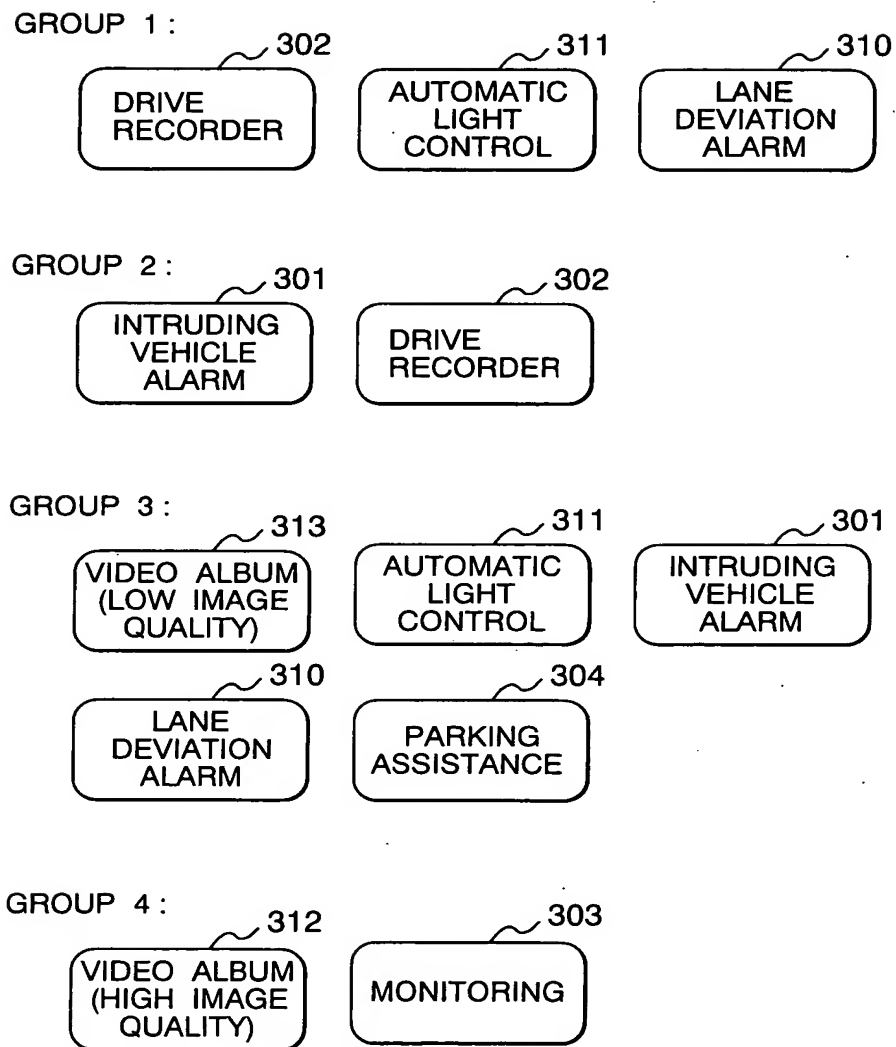
**FIG. 7**

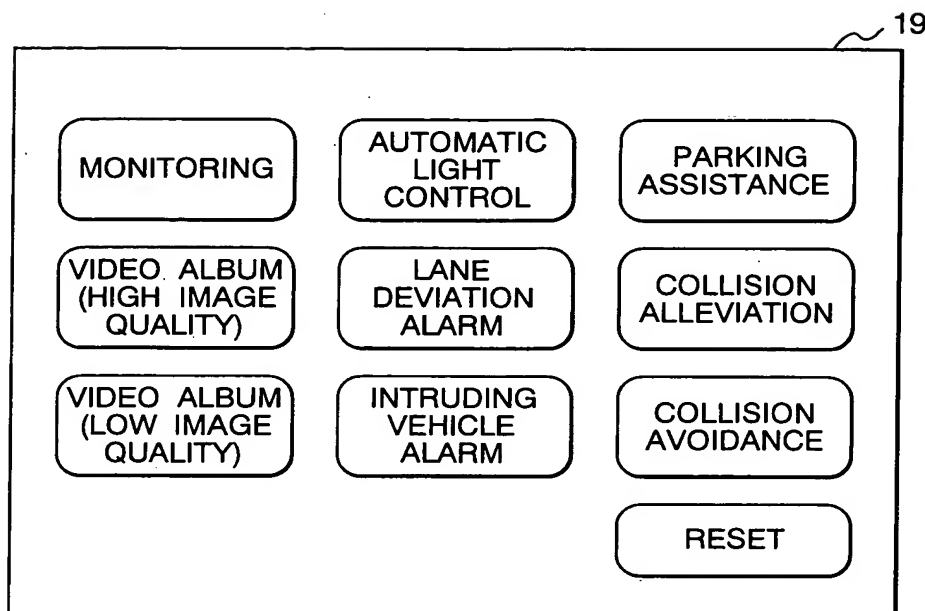
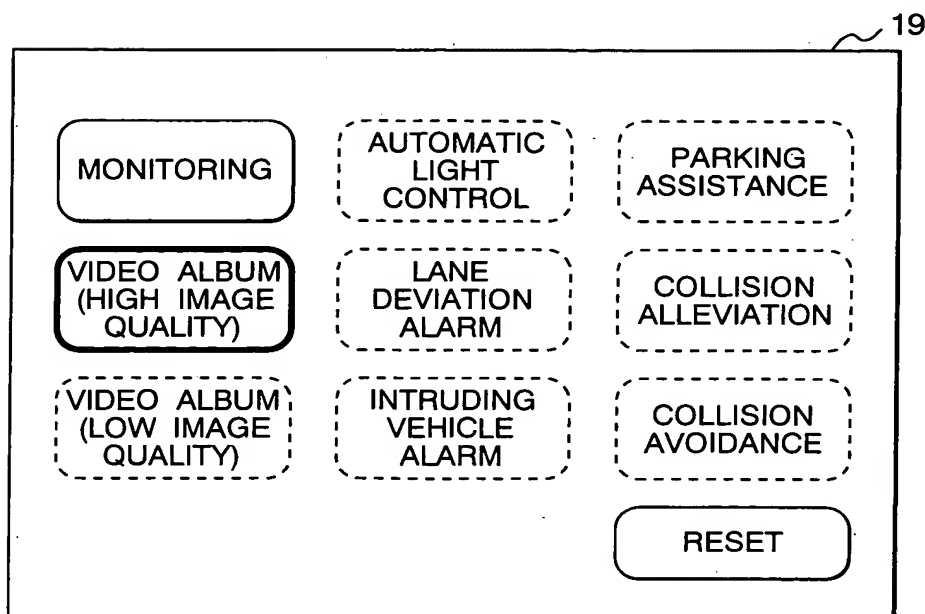
**FIG. 8(a)****FIG. 8(b)**

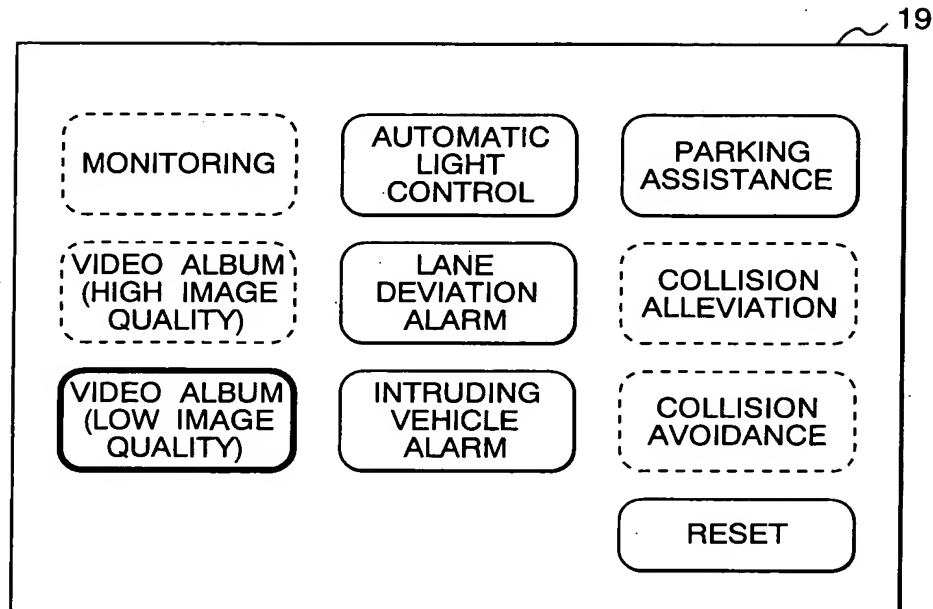
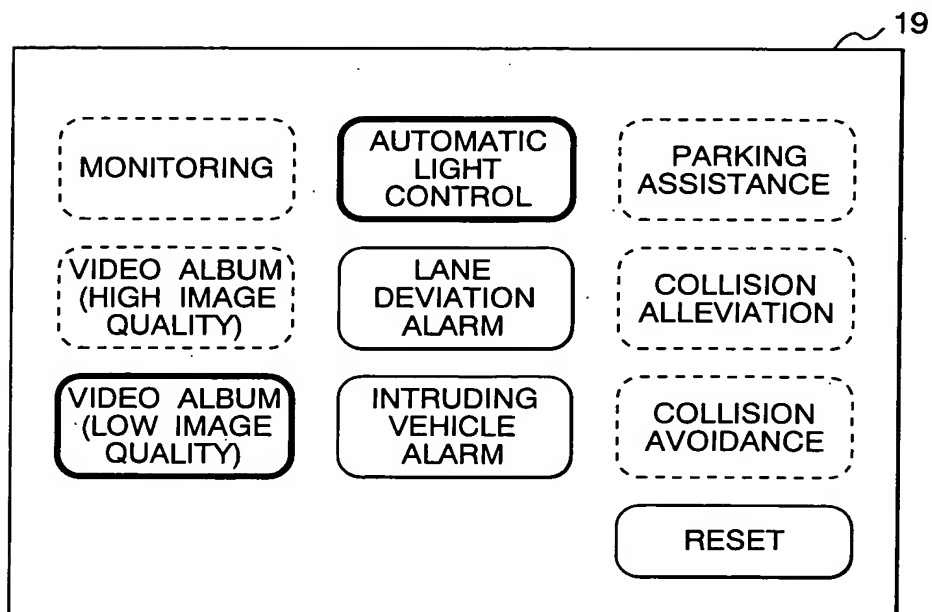
**FIG. 9(a)****FIG. 9(b)**

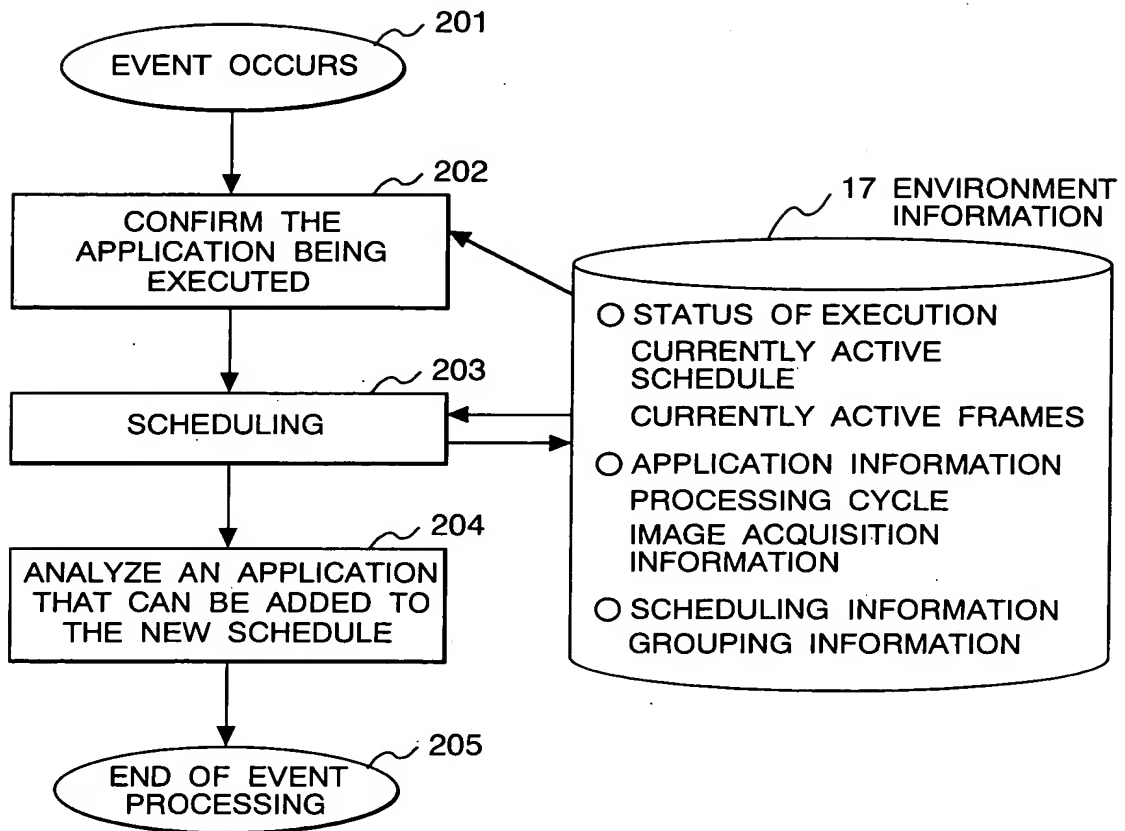


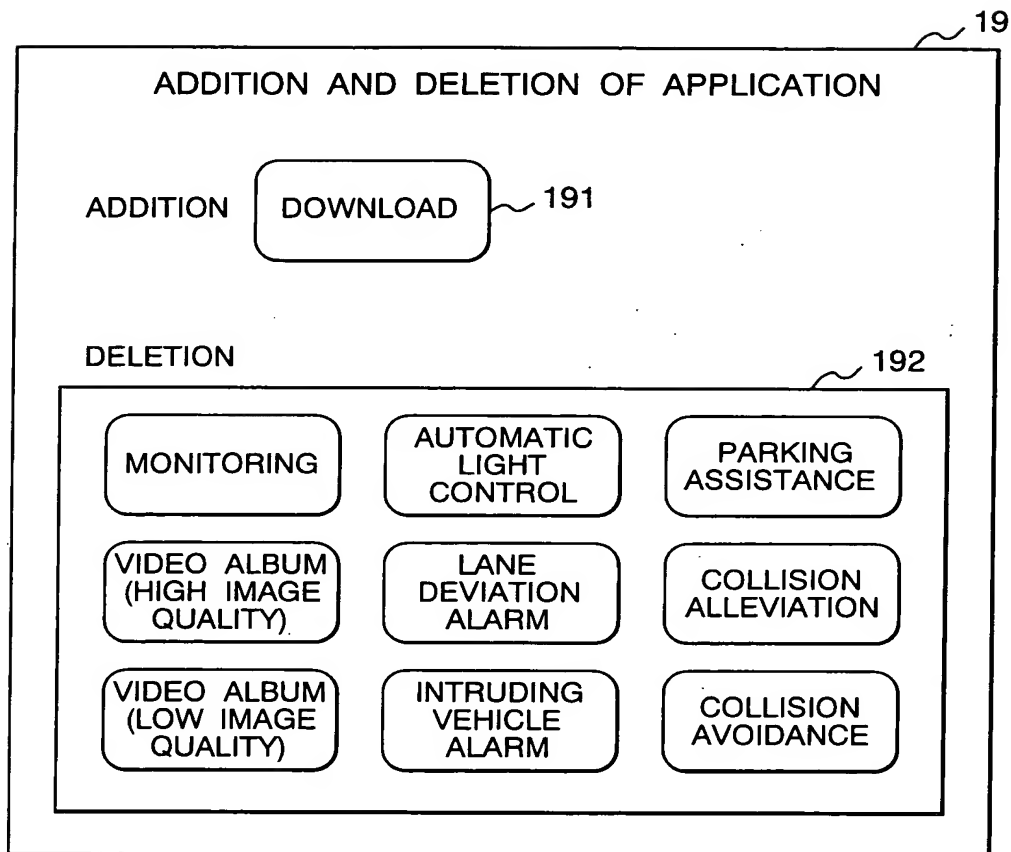
*FIG. 10(a)**FIG. 10(b)*

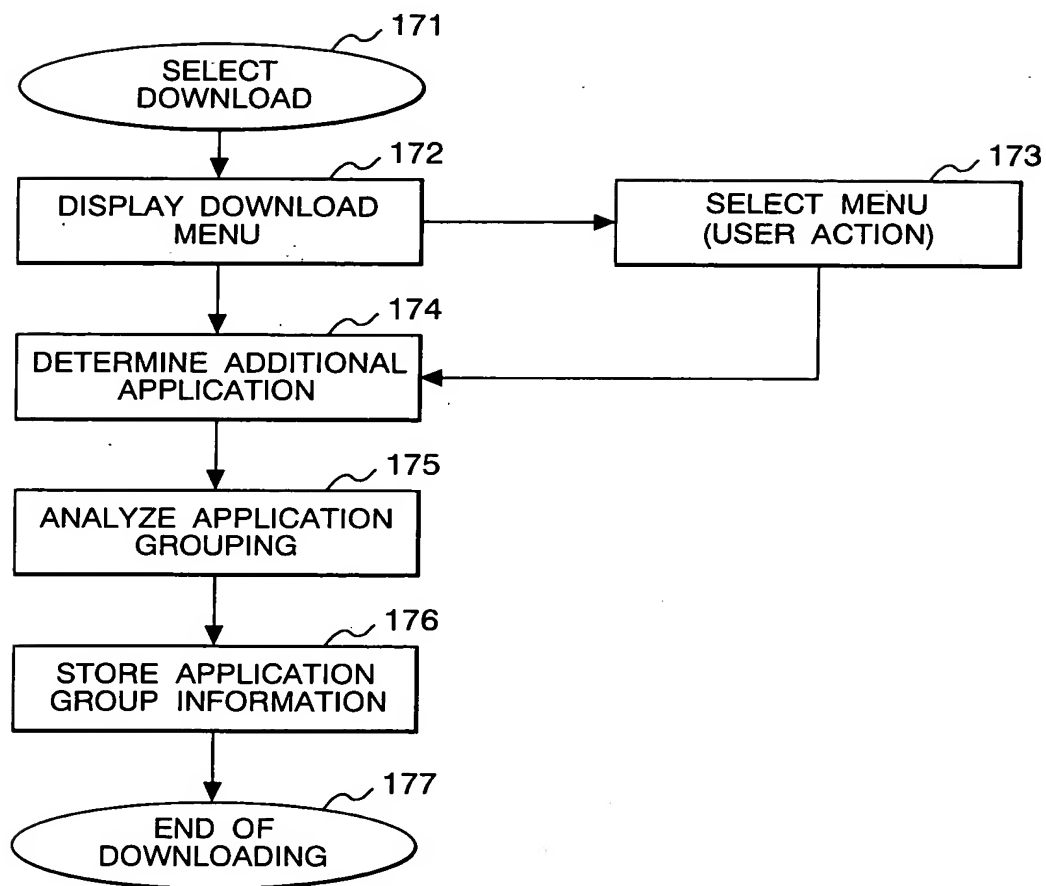
**FIG. 11**

**FIG. 12****FIG. 13**

**FIG. 14(a)****FIG. 14(b)**

**FIG. 15**

**FIG. 16**

**FIG. 17**

**FIG. 18**